GÃ¶rkem Yilmaz

List of Publications by Year
in descending order

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69	2,497	172207	197535
papers	citations	29 h-index	49 g-index

71	71	71	1845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoinduced Free Radical Promoted Copper(I)-Catalyzed Click Chemistry for Macromolecular Syntheses. Macromolecules, 2012, 45, 56-61.	2.2	149
2	Thioxanthoneâ˜'Fluorenes as Visible Light Photoinitiators for Free Radical Polymerization. Macromolecules, 2010, 43, 4520-4526.	2.2	131
3	LED and visible light-induced metal free ATRP using reducible dyes in the presence of amines. Polymer Chemistry, 2016, 7, 6094-6098.	1.9	117
4	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. Macromolecules, 2016, 49, 7785-7792.	2.2	113
5	Conventional Type II photoinitiators as activators for photoinduced metal-free atom transfer radical polymerization. Polymer Chemistry, 2017, 8, 1972-1977.	1.9	110
6	Visible light induced free radical promoted cationic polymerization using thioxanthone derivatives. Journal of Polymer Science Part A, 2011, 49, 1591-1596.	2.5	87
7	Thioxanthoneâ€"carbazole as a visible light photoinitiator for free radical polymerization. Journal of Polymer Science Part A, 2010, 48, 5120-5125.	2.5	86
8	Photoinduced metal-free atom transfer radical polymerizations: state-of-the-art, mechanistic aspects and applications. Polymer Chemistry, 2018, 9, 1757-1762.	1.9	80
9	Light-induced step-growth polymerization. Progress in Polymer Science, 2020, 100, 101178.	11.8	75
10	Counteranion Sensitization Approach to Photoinitiated Free Radical Polymerization. Macromolecules, 2012, 45, 2219-2224.	2.2	73
11	Synthesis of Hyperbranched Polymers by Photoinduced Metal-Free ATRP. Macromolecules, 2017, 50, 9115-9120.	2.2	70
12	Synthesis of ABC type miktoarm star copolymers by triple click chemistry. Polymer Chemistry, 2011, 2, 2865.	1.9	68
13	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. Macromolecules, 2017, 50, 6903-6910.	2.2	68
14	Photoinduced reverse atom transfer radical polymerization of methyl methacrylate using camphorquinone/benzhydrol system. Polymer International, 2014, 63, 902-907.	1.6	67
15	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie - International Edition, 2022, 61, .	7.2	64
16	Block copolymer synthesis in one shot: concurrent metal-free ATRP and ROP processes under sunlight. Polymer Chemistry, 2017, 8, 2899-2903.	1.9	62
17	ABC type miktoarm star copolymers through combination of controlled polymerization techniques with thiolâ€ene and azideâ€alkyne click reactions. Journal of Polymer Science Part A, 2011, 49, 2417-2422.	2.5	60
18	Poly(vinyl alcohol)-Thioxanthone as One-Component Type II Photoinitiator for Free Radical Polymerization in Organic and Aqueous Media. Macromolecular Rapid Communications, 2015, 36, 923-928.	2.0	60

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19	Modification of polysulfones by click chemistry: Amphiphilic graft copolymers and their protein adsorption and cell adhesion properties. Journal of Polymer Science Part A, 2011, 49, 110-117.	2.5	58
20	Photoinduced Step-Growth Polymerization of N-Ethylcarbazole. Journal of the American Chemical Society, 2018, 140, 12728-12731.	6.6	58
21	Visible Light-Induced Cationic Polymerization Using Fullerenes. ACS Macro Letters, 2012, 1, 1212-1215.	2.3	54
22	Functionalization of Polysulfones by Click Chemistry. Macromolecular Chemistry and Physics, 2010, 211, 2389-2395.	1.1	47
23	Photoinduced Copper(I)â€Catalyzed Click Chemistry by the Electron Transfer Process Using Polynuclear Aromatic Compounds. Macromolecular Chemistry and Physics, 2014, 215, 662-668.	1.1	47
24	Poly(phenylenevinylene)s as Sensitizers for Visible Light Induced Cationic Polymerization. Macromolecules, 2014, 47, 7296-7302.	2.2	47
25	Diazonium Salt-Derived 4-(Dimethylamino)phenyl Groups as Hydrogen Donors in Surface-Confined Radical Photopolymerization for Bioactive Poly(2-hydroxyethyl methacrylate) Grafts. Langmuir, 2012, 28, 8035-8045.	1.6	44
26	A One Pot, One Step Method for the Preparation of Clickable Hydrogels by Photoinitiated Polymerization. Macromolecular Rapid Communications, 2011, 32, 1906-1909.	2.0	41
27	Polysulfone based amphiphilic graft copolymers by click chemistry as bioinert membranes. Materials Science and Engineering C, 2011, 31, 1091-1097.	3.8	34
28	Telechelic Polymers by Visibleâ€Lightâ€Induced Radical Coupling. Macromolecular Chemistry and Physics, 2013, 214, 94-98.	1.1	34
29	Dibenzoyldiethylgermane as a visible light photo-reducing agent for CuAAC click reactions. Polymer Chemistry, 2015, 6, 8168-8175.	1.9	32
30	N-alkoxy pyridinium ion terminated polystyrenes: A facile route to photoinduced block copolymerization. Journal of Polymer Science Part A, 2007, 45, 423-428.	2.5	30
31	Tandem Photoinduced Cationic Polymerization and CuAAC for Macromolecular Synthesis. Macromolecules, 2015, 48, 7446-7452.	2.2	27
32	Fullerene-Attached Polymeric Homogeneous/Heterogeneous Photoactivators for Visible-Light-Induced CuAAC Click Reactions. ACS Macro Letters, 2016, 5, 103-107.	2.3	26
33	Highly Selective Copper Ion Imprinted Clay/Polymer Nanocomposites Prepared by Visible Light Initiated Radical Photopolymerization. Polymers, 2019, 11, 286.	2.0	26
34	Monoâ€addition Synthesis of Polystyreneâ€“Fullerene (C₆₀) Conjugates by Thiolâ€“Ene Chemistry. Chemistry - A European Journal, 2012, 18, 10254-10257.	1.7	25
35	Simultaneous and Sequential Synthesis of Polyaniline-g-poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material. Macromolecules, 2017, 50, 1824-1831.	2.2	22
36	Visible light induced radical coupling reactions for the synthesis of conventional polycondensates. Polymer Chemistry, 2019, 10, 5652-5658.	1.9	21

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37	Visible light induced step-growth polymerization by electrophilic aromatic substitution reactions. Chemical Communications, 2021, 57, 5398-5401.	2.2	21
38	Synthesis and pyrolysis of ABC type miktoarm star copolymers with polystyrene, poly(lactic acid) and poly(ethylene glycol) arms. European Polymer Journal, 2012, 48, 1755-1767.	2.6	20
39	Photoinduced grafting of polystyrene onto silica particles by ketene chemistry. Journal of Polymer Science Part A, 2012, 50, 2517-2520.	2.5	20
40	A new ethanol biosensor based on polyfluorene-g-poly(ethylene glycol) and multiwalled carbon nanotubes. European Polymer Journal, 2020, 122, 109300.	2.6	19
41	Polymers with Side Chain Nâ€Alkoxy Pyridinium Ions as Precursors for Photoinduced Grafting and Modification Processes. Macromolecular Chemistry and Physics, 2007, 208, 1737-1743.	1.1	18
42	Polysulfone/Pyrene Membranes: A New Microwell Assay Platform for Bioapplications. Macromolecular Bioscience, 2011, 11, 1235-1243.	2.1	18
43	Polymeric Thioxanthones as Potential Anticancer and Radiotherapy Agents. Macromolecular Rapid Communications, 2016, 37, 1046-1051.	2.0	16
44	Diazonium salts for surface-confined visible light radical photopolymerization. Journal of Polymer Science Part A, 2016, 54, 3506-3515.	2.5	15
45	Photoinitiated Metal Free Living Radical and Cationic Polymerizations. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 385-392.	0.1	13
46	One-Pot Synthesis of Star Copolymers by the Combination of Metal-Free ATRP and ROP Processes. Polymers, 2019, 11, 1577.	2.0	13
47	Mechanistic Transformations Involving Radical and Cationic Polymerizations. Chinese Journal of Polymer Science (English Edition), 2020, 38, 205-212.	2.0	13
48	Visible Light Induced Stepâ€Growth Polymerization by Substitution Reactions. Macromolecular Rapid Communications, 2021, 42, e2000686.	2.0	13
49	Expanding the Scope of 2D Black Phosphorus Catalysis to the Near-Infrared Light Initiated Free Radical Photopolymerization. ACS Macro Letters, 2021, 10, 679-683.	2.3	13
50	New Photochemical Processes for Macromolecular Syntheses. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2016, 29, 91-98.	0.1	11
51	Visible Light-Induced Atom Transfer Radical Polymerization for Macromolecular Syntheses. ACS Symposium Series, 2015, , 145-158.	0.5	7
52	Unconventional Sulfur Chemistries for Macromolecular Syntheses. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1352-1365.	0.8	7
53	Multi-mode Polymerizations Involving Photoinduced Radical Polymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 719-725.	0.1	7
54	Synthesis of polystyrene-b-poly(ethylene glycol) block copolymers by radical exchange reactions of terminal RAFT agents. Designed Monomers and Polymers, 2014, 17, 238-244.	0.7	5

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55	Antibacterial Flexible Biaxially Oriented Polyethylene Terephthalate Sheets Through Sequential Diazonium and Hydrophilic Polymer Surface Chemistries. Journal of Colloid Science and Biotechnology, 2014, 3, 58-67.	0.2	5
56	Photoinduced Controlled/Living Polymerizations. Angewandte Chemie, 2022, 134, .	1.6	5
57	Synthesis of Block Copolymers by Mechanistic Transformation from Reversible Complexation Mediated Living Radical Polymerization to the Photoinduced Radical Oxidation/Addition/Deactivation Process. ACS Macro Letters, 2022, 11, 342-346.	2.3	5
58	Synthesis of block copolymers by mechanistic transformation from photoinitiated cationic polymerization to a RAFT process. Polymer Chemistry, 2017, 8, 7307-7310.	1.9	4
59	Photoinduced Metal Free Strategies for Atom Transfer Radical Polymerization. ACS Symposium Series, 2018, , 263-271.	0.5	4
60	Directly and Indirectly Acting Photoinitiating Systems for Ringâ€Opening Polymerization of Ïµâ€Caprolactone. ChemPhotoChem, 2021, 5, 1089-1093.	1.5	4
61	Antipsikotik kullanÄ±mÄ±yla tetiklenen nÃ¶ropeni olgusunda tedaviye lityum eklenmesi. Dusunen Adam, 2014, , 78-80.	0.0	2
62	Complex macromolecular structures from stable radical containing block copolymers. Journal of Polymer Science, 2020, 58, 62-69.	2.0	2
63	Macromol. Rapid Commun. 23/2011. Macromolecular Rapid Communications, 2011, 32, 1905-1905.	2.0	1
64	A versatile approach for the preparation of endâ€functional polymers and block copolymers by stable radical exchange reactions. Journal of Polymer Science Part A, 2019, 57, 2387-2395.	2.5	1
65	In-situ syntheses of graft copolymers by metal-free strategies: combination of photoATRP and ROP. Designed Monomers and Polymers, 2020, 23, 134-140.	0.7	1
66	A Novel Photoinduced Ligation Approach for Crossâ€Linking Polymerization, Polymer Chainâ€End Functionalization, and Surface Modification Using Benzoyl Azides. Macromolecular Rapid Communications, 2021, 42, 2100166.	2.0	1
67	â€œDo It Yourselfâ€•Peristaltic Pump and Flowcell for QCM Biosensor. , 2017, , .		0
68	The Photopolymer Science and Technology Award. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 5-7.	0.1	0
69	Combination of Photoinduced ATRP and Click Processes for the Synthesis of Triblock Copolymers. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 727-736.	0.4	0